



NATIONAL
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KENTUCKY WEEKLY CROP & WEATHER REPORT



In Cooperation with:
Univ. of Ky - Agr. Weather Center
U.S. Dept. of Commerce - NOAA
Kentucky Department of Agriculture
Cooperative Extension Service

LELAND E. BROWN, Director

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AGRICULTURAL NEWS: The State, once again, received much needed rains this past week, which benefited the emerging crops. Severe storms were also experienced across the State due to a cold front that swept through. Temperatures averaged 74 degrees, 0 degrees from normal, and 4 degrees warmer than the previous week. Rainfall totals were above normal with the State receiving 1.89 inches this past week. **Topsoil moisture** was rated 4 percent short, 77 percent adequate and 19 percent surplus. **Subsoil moisture** was rated 4 percent short, 82 percent adequate, and 14 percent surplus. Days suitable for fieldwork averaged 3.8 out of a possible 7. Major farming activities included planting double cropped soybeans, setting tobacco, cutting hay, and harvesting wheat.

ROW CROPS: **Corn** tasseling was 9 percent complete as of Sunday June 26, compared to 40 percent previous year and five year average of 21 percent. Corn silking was 2 percent complete by the end of the week, compared with 15 percent last year and the five year average of 11 percent. Corn tasseling and silking are about two weeks behind last year due to weather conditions. Corn condition was rated 1 percent very poor, 1 percent poor, 19 percent fair, 59 percent good, and 20 percent excellent. **Soybean** planting advanced to 85 percent complete, still behind last year's 94 percent and the five year average of 92. Soybeans emerged was reported at 77 percent, trailing last year's 88 percent and the five year average of 86 percent. The average soybean height was reported at 7 inches, behind last year's 11 inches. The emerged soybean conditions were rated as 1 percent poor, 15 percent fair, 66 percent good, and 18 percent excellent.

TOBACCO: Tobacco set condition was 1 percent very poor, 2 percent poor, 23 percent fair, 62 percent good, and 12 percent excellent. Sixty-eight percent

of tobacco plants in the field were under 12 inches in height, with 24 percent between 12-24 inches in height, and 8 percent of the set tobacco was over 24 inches in height.

SMALL GRAINS: As of June 26, 64 percent of the wheat had been harvested, compared to 74 percent last year and 66 percent for the five year average. Wheat harvest continues with generally good yields reported.

OTHER CROPS AND PASTURE: Second cutting of hay is coming along well. **Pasture** conditions reported as 1 percent very poor, 4 percent poor, 25 percent fair, 60 percent good, and 10 percent excellent.

CROP PROGRESS for week ending 06/26/11

Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
Percent				
Corn Tasseling	9	NA	40	21
Corn Silking	2	NA	15	11
Soybeans Planted	85	77	94	92
Soybeans Emerged	77	63	88	86
Wheat Harvested	64	40	74	66

SOIL MOISTURE for week ending 06/26/11

	Very Short	Short	Adequate	Surplus
Percent				
Topsoil	0	4	77	19
Subsoil	0	4	82	14

CROP CONDITIONS for week ending 06/26/11

Crop	Very Poor	Poor	Fair	Good	Ex
Percent					
Corn	1	1	19	59	20
Soybeans	0	1	15	66	18
Pasture	1	4	25	60	10
Tobacco Set	1	2	23	62	12

KENTUCKY WEATHER SUMMARY, JUNE 20 - 26, 2011:

Near Normal Temperature and Above Normal Rainfall:

This past week the Commonwealth once again received above normal rainfall. Rainfall totals across the state were fairly uniform, with the east having received the most. Severe storms were also experienced across the state due to a cold front that swept through. Average temperature for the week was near normal, with highs just below normal and lows just above normal due to cloud cover.

Temperatures for the period averaged 74 degrees across the state which was 0 degrees from normal and 4 degrees warmer than the previous period. High temperatures averaged from 84 in the West to 81 in the East. Departure from normal high temperatures ranged from 3 degrees cooler than normal in the West to 3 degrees cooler than normal in the East. Low temperatures averaged from 68 degrees in the West to 64 degrees in the East. Departure from normal low temperature ranged from 3 degrees warmer than normal in the West to 4 degrees warmer than normal in the East. The extreme high temperature for the period was 95 degrees at Poplar Bluff and the extreme low was 55 degrees at Paintsville.

Rainfall for the period totaled 1.89 inches statewide which was 0.88 inches above normal and 187% of normal. Rainfall totals by climate division, West 1.98 inches, Central 1.44 inches, Bluegrass 1.92 inches and East 2.20 inches, which was 0.97, 0.44, 0.92 and 1.17 inches above normal. By station, rainfall totals ranged from a low of 0.03 inches at Poplar Bluff to a high of 6.91 inches at Middlesboro.

Tom Priddy

KENTUCKY TEMPERATURES AND RAINFALL

FOR WEEK ENDING SUNDAY, JUNE 26, 7:00 P.M.

Weather Station	Rainfall			Dev. From		Air Temperature				Growing Degree Days		
	=====			=====		=====				=====		
	Since	Last		Norm	Norm				Dev.	Since	Dev.	
	Last	April	Four	Since	Last	Wkly. From			Last	Apr	Since	
	Week	1	Wks.	Apr 1	4 Wks.	Hi	Lo	Avg.	Norm	Week	1	Apr 1
=====												
	(Inches)					(Degrees F)						
Bardstown	1.20	30.02	6.18	+18.50	+2.72	88	59	74.1	-1	166	1461	+124
Berea	2.39	19.34	4.22	+6.85	+0.49	88	57	72.5	-1	156	1371	+3
Bowling Gree	2.01	23.30	6.55	+10.43	+2.62	92	63	76.8	+2	181	1625	+231
Bristol	1.06	13.51	2.92	+3.24	-0.40	90	61	75.4	+2	174	1504	+254
Buckhorn Lak	3.34	23.59	8.42	+12.13	+4.56	88	56	71.9	-2	151	1327	+129
Cape Girarde	0.99	33.01	4.97	+20.38	+1.63	91	61	78.4	+2	192	1567	+116
Campbellsvil	0.60	22.56	3.26	+9.02	-0.68	89	57	74.1	-1	165	1418	+76
Covington	2.72	29.26	8.84	+17.90	+5.24	89	61	71.6	-2	149	1314	+120
Cumberland G	2.47	20.13	5.68	+7.55	+1.68	87	58	73.8	+0	165	1460	+236
Dix Dam	0.73	21.22	2.61	+9.08	-0.88	88	58	73.5	-0	162	1405	+68
Evansville	1.56	26.11	6.44	+14.32	+3.11	90	61	75.4	-1	174	1515	+151
Glasgow	1.09	20.12	3.58	+6.52	-0.73	88	60	74.4	-0	169	1515	+207
Grayson	2.80	21.65	3.56	+10.43	-0.04	89	58	71.9	-2	149	1316	+179
Hardinsburg	1.68	30.41	6.23	+17.95	+2.63	89	59	74.2	-0	165	1449	+55
Henderson	1.72	25.02	5.09	+12.93	+1.51	89	62	75.1	-1	172	1524	+130
Huntington	1.88	21.71	3.56	+10.64	+0.08	90	61	75.4	+2	174	1474	+250
Jackson	2.96	22.33	5.44	+10.44	+1.84	88	60	72.3	-1	154	1433	+235
Lexington	0.38	22.01	2.86	+10.49	-0.60	87	57	72.1	-2	153	1362	+142
London	2.12	21.37	5.57	+10.05	+2.16	86	58	73.1	-1	161	1420	+196
Louisville	3.94	28.75	6.97	+16.90	+3.67	91	63	76.2	+2	178	1623	+259
Mayfield	3.03	25.55	5.04	+12.57	+1.80	89	60	76.9	+0	184	1597	+142
Nashville	0.62	15.26	3.37	+2.92	-0.04	90	61	75.4	+1	174	1569	+88
Nolin Lake	1.13	28.93	4.49	+15.52	+0.74	88	59	74.1	-1	165	1441	+156
Paducah	3.54	31.18	6.34	+17.72	+2.51	88	61	76.8	+0	183	1613	+162
Princeton	1.36	27.02	3.65	+13.92	-0.01	88	58	74.9	-2	170	1553	+129
Quicksand	0.78	21.04	2.90	+9.15	-0.70	90	59	72.9	-1	156	1412	+214
Somerset	0.91	20.20	3.90	+7.11	-0.10	85	57	73.1	-1	160	1375	+64
Spindletop	0.58	21.37	2.29	+9.85	-1.17	88	59	72.0	-2	152	1349	+129
Williamstown	1.23	25.53	5.65	+13.70	+2.10	88	60	71.2	-3	145	1305	+85

The above information is provided by Tom Priddy, Kentucky Extension Agricultural Meteorologist, University of Kentucky Agr'l Weather Center (859)257-3000 ext 245. E-mail: priddy@uky.edu Additional Ky weather data available on Internet at: <http://www.wagwx.ca.uky.edu/>